

ST LOUIS AREA PHASE 2 DIOXIN INVESTIGATION  
SUPERFUND # C1 SITE REPORT

NAME OF SITE COSTELLO RESIDENCE

OWNER/CONTACT Joan Costello  
13664 Conway Road  
St Louis, Missouri  
314/434-3306

07C1

Site	Costello Residence
ID #	MO0980682227
Break	1.6
Other	N/A

SITE DESCRIPTION

LOCATION NW 1/4, S18, R5E, T42N  
13664 Conway Road  
St Louis, Missouri

40158575



SUPERFUND RECORDS

TYPE OF SITE Rural residence

APPROXIMATE AFFECTED POPULATION 25 residents

SITE HISTORY

The Costellos had their driveway and parking area sprayed by Russell Bliss every year from 1966 up to 1975. The Costellos reported that they had a horse die of a rare type of cancer. Mrs. Costello reports that she is occasionally anemic. The site is approximately two to three acres in size, at least two-thirds of the area is a fenced in pasture bordered by the driveway to the east and Conway Road to the north. Driveway is approximately 600 feet long, and the parking area may be one-fourth or one-half acre in size. A small creek flows to the north.

A reconnaissance inspection of this site was performed by Gary E. Snodgrass, EPA Region VII, on January 17, 1983. No entry to the site was made since the Costellos were not home, and a locking

chain link fence blocked the gate

A team consisting of

Gary B Snodgrass, Team Leader - EPA Region VII  
Mike Clemons, Region VII TAT  
Kevin Carsen, Weston TATc  
sampled this site on February 6, 1983

Samples collected are summarized in Appendix 1

The attached map, while not to scale, gives the relative position of samples taken

ST LOUIS INVESTIGATIONS  
SAMPLE SUMMARY  
01/07/81

PAGE 1

EPA #	SITE NAME	LOCATION
Ah5401	Costello Residence	St Louis, MO
Composite soil sample every 40 -W side of driveway for 150' from Conway Rd		
-Ah5402	Costello Residence	St Louis, MO
6 aliquots E side of driveway from Conway Rd for 150' due S on shoulder		
-Ah5403	Costello Residence	St Louis, MO
6 aliquots collected every 40' on W side of driveway from 150' S of Conway Rd		
-Ah5404	Costello Residence	St Louis, MO
6 aliquots collected every 40' on W side of driveway from 150' S of Conway Rd		
-Ah5405	Costello Residence	St Louis, MO
6 aliquots-W 1/2 of parking area @ resid composite soil sample		
-Ah5406	Costello Residence	St Louis, MO
6 aliquots-E 1/2 of parking area @ resid composite soil sample		
-Ah5407	Costello Residence	St Louis, MO
6 aliquots-100' S of SE corner of resid		
-Ah5408	Costello Residence	St Louis, MO
Duplicate Ah5401 6 aliquots		
-Ah5409	Costello Residence	St Louis, MO
Rin-late sample		
-Ah5410	Costello Residence	St Louis, MO
Organic vapor monitor worn by Mike Clemons		
-Ah5411	Costello Residence	St Louis, MO
Well water collected from residence tap inside house		

AK5407

N

BARN

MAIN HOUSE

AK5411

GARAGE

PARKING

AK5406 AREA AK5405

OILED  
AREAS

AK5404

AK5403

AK5402

AK5401  
AK5408

FIELD

UNNAMED CREEK

CONWAY ROAD

COSTELLO RESIDENCE SITE  
13664 CONWAY RD  
ST LOUIS, MO

▼ - PROPOSED SAMPLING LOCATIONS